Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**TOPIC SELECTION PROCESS**

1. What general topic are you most interested in? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What subject or item might you test? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. What variables might you test with these subjects/items?

(List at least 3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Narrow topic to incorporate these variables\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Pick **three or four** keywords that you need to research to find out more about your topic.

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1. What type of project are you interested in completing? (circle)

Individual Team (2-3)

1. What question or problem are you addressing?

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1. What experiment plan or engineering goal do you have for this project?

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1. What is a possible title for your project?

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Independent Variable = the variable being manipulated, changed,

Dependent Variable = the variable being measured

**If you are planning on participating in the Regional complete the next two questions**

1. Which ISEF category does this fit into? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

<http://www.societyforscience.org/isef/project_categories>

1. Which ISEF subcategory looks most interesting to you? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

<http://www.societyforscience.org/isef/project_categories>

ISEF Categories

|  |  |
| --- | --- |
| Animal Sciences (ANIM) | Energy: Physical (EGPH) |
| Behavioral and Social Sciences (BEHA) | Engineering Mechanics (ENMC) |
| Biochemistry (BCHM) | Environmental Engineering (ENEV) |
| Biomedical and Health Sciences (BMED) | Materials Science (MATS) |
| Biomedical Engineering (ENBM) | Mathematics (MATH) |
| Cellular and Molecular Biology (CELL) | Microbiology (MCRO) |
| Chemistry (CHEM) | Physics and Astronomy (PHYS) |
| Computational Biology and Bioinformatics (CBIO) | Plant Sciences (PLNT) |
| Earth and Environmental Sciences (EAEV) | Robotics and Intelligent Machines (ROBO) |
| Embedded Systems (EBED) | Systems Software (SOFT) |
| Energy: Chemical (EGCH) | Translational Medical Science (TMED) |